

Can You Answer These Questions?

Uniform Examination Quizzes for County Teachers' Examination for Elementary School Certificate for January, 1916.

Columbus. — Uniform examination questions for county teachers' examination for elementary school certificate prepared under the direction of the superintendent of public instruction and sent out from his office in accordance with section 7819 of the general code.

ARITHMETIC.

Explain, as to a class, why the decimal point is so placed in the product, when multiplying decimals.

What is the exact length of the solar year? What years are leap years?

Is there any difference in cubic inches between the dry quart and the liquid quart? If your answer is in the affirmative, state the difference; if in the negative, give reasons for answer.

A man walks 5-12 of a mile. Express in integers of rods, feet, inches. Show the outline which you would have the pupils follow in this reduction.

A rectangular field is 10 rods long, 4 rods wide. A horse is led to a stake in one corner by a rope 85 feet long. Express to 3 decimals the portion of the field the horse may graze upon.

Show the difference, if any, in the cash price of a bill of goods for \$960 at 12% and 8 per cent discount and at 20% per cent straight discount.

A square field contained 1,014,014 square rods. Required the length of its diagonal.

Required the total interest due on \$1,200 at 5% for 3 years, 9 months, 20 days, payable annually.

GEOGRAPHY.

What would be about the shortest practicable route from your city or county to the Rio Grande border of Mexico?

What regions of the United States have an annual rainfall of above 60 inches? What is the approximate Ohio rainfall? Whence do most of our rain clouds come?

Where in the United States is petroleum produced in large quantities? How is it usually transported? What are four of the products into which it is refined?

What are the chief attractions in natural scenery in the United States? (State what is to be seen in places named.)

Give statistics regarding Ireland—its size, population, industries, cities. What is its form of government?

Give several important facts about each of the following: Rome, Constantinople, Buenos Aires, Philadelphia, Oklahoma (state), British Columbia.

For what traffic is each of the following canals important: Suez, Panama, Sault Ste. Marie, Welland, Erie? What are the sources of the world's supply of each of the following: Cocaine, quinine, olive oil, paper pulp, ivory, platinum, tin, coffee?

GRAMMAR.

Write three sentences, each illustrating a different use of the noun clause.

What are personal pronouns? Name them.

What is conjugation? Conjugate the verb "dream" in indicative mode, present, past, future tenses.

Classify the adverb and illustrate each class.

What is meant by parts of speech? Name the parts of speech.

How form the comparative and the superlative degrees of adjectives, regularly?

What are redundant verbs? Illustrate.

Diagram or analyze: "I walked home with Calhoun, who said that the principles which I had avowed were just and noble." Parse the words in black letter.

HISTORY.

What was the beginning of steel armored vessels in our navy? Who was the inventor?

How and when did Porto Rico come into possession of the United States?

What were the Alabama Claims? How and when settled?

Write upon the theme, "Sherman's March to the Sea."

Name the leading political parties since 1796.

What and where was: Ft. Duquesne, Ticonderoga, Acadia, Mason and Dixon's Line, Mt. Vernon, The Hermitage, West Point?

When and where was the first settlement in Ohio? In United States? How many amendments to the constitution? What is the general contents of the last two?

PHYSIOLOGY.

Of what value is the nitrogen of the air? Explain the advantages of deep breathing and of out-of-door air.

What is meant by reflex action? Of what value is it in our lives.

What effects has the use of intoxicants upon (a) tuberculosis, (b) pneumonia?

What bodies are there in the blood and what are their functions?

What digestion takes place in the stomach? How much time should the stomach digestion occupy? What organs contribute to the intestinal digestion?

Describe the structure and attachment of muscles.

How does knowledge of a scratch on the hand reach the brain? Would knowledge of an injury to an internal organ locate so accurately the place and nature of the hurt? Does the brain control the processes of the internal organs?

Keller Trial Next Week.

Toledo. — The trial of Carl H. Keller, former mayor, who was indicted during the last days of his administration by the Lucas county grand jury for the alleged acceptance of a bribe in connection with the purchase of motorized fire apparatus, probably will begin some time next week. County Prosecutor D'Alton Friday said he desired to have Keller placed on trial as soon as possible, but indicated that there might be some delay on account of the illness of two of his assistants.

Give some rules for the proper care and management of the sick room.

LITERATURE.

For the purpose of study, divide into periods: (a) British Literature, (b) American Literature, naming an important writer in each period.

Write a short biography of Robert Burns; name four poems.

Who was the author of the following: (a) Macbeth, (b) Faerie Queen, (c) Idylls of the King, (d) The Old Oaken Bucket, (e) A Man Without a Country.

Select any poem from Tennyson and outline for class study.

Select any book from the works of any one of the following and give a short outline of the events: Cooper, Hawthorne, Poe (grose).

What is the picture presented to your mind by the first two lines from the Village Blacksmith?

Name two well-known American poets of today; quote at least a stanza from one, naming author and poem.

Name author of: (a) The Winning of the West, (b) Wild Animals I Have Known, (c) A Boy's Town, (d) Little Women, (e) The Fair God, (f) Tom Sawyer, (g) The Tent on the Beach, (h) The Great Stone Face, (i) Snow Bound, (j) Walden.

AGRICULTURE.

Describe the corn seed tester and explain how the results of the test should be used.

What is silage? What are the various crops that are sometimes used as silage?

How should potatoes be prepared for planting? When should they be planted, how thick, at what depth?

What are some of the varieties that do best in this state? What source of seed potatoes is best?

What are the principal elements in the soil and which of them are most important for agriculture?

What are some of the peculiarities of strawberry culture?

What are the principal points in which a cow of the dairy type differs from one of the beef type? Name some good breeds of each type.

Explain how a soil holds moisture. How can you show to a class the difference between different kinds of soil in this respect?

For what purposes are trees sprayed? When should apple trees be sprayed to accomplish these purposes?

THEORY AND PRACTICE.

(Take two of the groups below entire.) Group A. (Based on Parker's The History of Modern Elementary Education.)

How was time wasted in the colonial elementary schools?

What was characteristic of the Lancaster-Bell system? Give at least four of the six good points in the system.

Name the men who in each of several fields of thought had most to do with developing the scientific method. What is the scientific method?

Give several valuable ideas of either Comenius or Locke. (Express clearly so that the idea can be identified.)

Group B. (Based on Morehouse's The Discipline of the School.)

What are the four great principles of social relationship that form the foundation of school government?

What are some of the things said of the doctrine of interest?

What are some of the abilities which should result from the disciplinary prescription for conduct?

How can the teacher form in her own mind the ideal of good school conduct which is necessary?

Group C. (Based on no particular text.)

Outline your principal aims in teaching some particular subject.

What can you make of pictures (either textbook, card, magazine or blackboard) in your teaching?

What can you do to teach pupils to use their leisure hours profitably?

Of what does loyalty on the part of a teacher consist?

WRITING.

What studying or practicing do you do to make yourself a capable teacher of writing?

Discuss the question of shading. Give the heading and closing of a letter in your best style of writing and arrangement.

Copy as a specimen of your penmanship: Beside the sandal-tree a woodman stood

And swung the ax. As the strokes were laid

Upon the fragrant trunk the generous wood

With its own sweets perfumed the cruel blade.

Go to and do the like. A soul ended

With light from heaven, a nature pure and great.

Will place its highest aim in doing good.

And good for evil give, and love for hate.

ORTHOGRAPHY.

(Examiners determine weights of respective questions.)

Mark for pronunciation: Des Moines, troubadour, samach, stalagmite, reciprocity, silhouette, quagmire, papyrus, degeneracy, larynx.

Classify and name the class of all marks used.

READING.

The examination in reading is oral. The examiner will conduct the examination following any plan desired.

SPELLING.

Spell: Catechism, bivouac, amethyst, synagoge, toboggan, wassail, viscous, Chillicothe, submerge, succotash, prophesy, onyx, nuisance, jayhawker, grenade, faucet, etymology, cynosure, anemone, calyx.

Spell and define: Agile, chaperon, brisket, rancor, perennal, pachyderm, mistletoe, holocaust, genesis, effluvia.

Highly Paid Men Stokers.

Youngstown. — Twenty high salaried officials of the Youngstown Sheet & Tube Co. fired furnaces in the plant Friday night. With white collars off, fashionable shirts cast aside and sleeves rolled up, they kept the furnaces going, while a mob of strike sympathizers outside menaced the plant, burned and looted stores and razed residences. These officials, the one with the lowest salary getting \$5,000, were endeavoring to save the furnaces. If the fires go out, the furnaces will be ruined.

WORKMEN DISCOVER SHELLS IN SANDUSKY

TRACK WALKERS FIND SHRAPNEL — FEAR PLOT AGAINST MUNITIONS PLANTS.

Western Newspaper Union News Service. Sandusky. — Two shrapnel shells consigned to the navy department at Petrograd, Russia, were found by track walkers in the New York Central yards in the outskirts of this city. They weigh 45 pounds each and are supposed to have been consigned by an eastern munitions concern to parties at Seattle, Wash.

The police worked on the case all day in an effort to find out how the shells were dropped off here, but failed to get a clue.

Much fear was manifested in some quarters that the destruction of one or two Sandusky concerns said to be engaged in the manufacture of war munitions might have been contemplated.

Six-Story Warehouse Burns. Cleveland. — Less than 25 minutes after a fire had transformed a six-story brick warehouse at 2100 E. 18th-st., into a cavern of flame, the building's walls parted and crumbled, imperiling lives of scores of firemen and crowds of spectators, flattened one dwelling and a garage and probably fatally injured one man caught under flying bricks and timber.

Losses to the warehouse occupants, the owner of the building, the dwelling and garage were estimated at between \$80,000 and \$100,000.

The Ohio Sample Furniture Co. occupied the first, second and third floors; the Kinney & Levan Co., the basement and fifth and sixth floors, and the Cleveland Desk Co., the fourth floor.

Former County Official Dies. Cleveland. — Jacob C. Siegrist, 65, ex-county recorder, died at his home in Lakewood, following a long illness with Bright's disease. Born in Alsace, Bavaria, Germany, he spent all but two years of his life in Cleveland, where from 1882 until he retired in 1903 he was in public service. He was a 32d degree Mason, a Shriner and a Knight of Pythias.

Train Kills Ohio Lawyer. East Liverpool. — Col. H. R. Hill, aged 83, retired lawyer and Civil war veteran, was struck and fatally injured by an eastbound Cleveland & Pittsburgh passenger train Thursday night. He died while being removed to a hospital. For 50 years Col. Hill was a practicing lawyer here.

Her Father Fought British. McArthur. — Sarah Sisson, aged 87, the widow of the late G. W. Sisson, druggist of this place, is dead at the home of her daughter, Mrs. Maglott, at Ada. One hundred and sixty years elapsed between the birth of her father and her death. Her father was a Revolutionary soldier.

Lived Inside Corporation. St. Clairsville. — Sidney Jones, Socialist, elected as a member of the board of education in Pease township, cannot serve, and Ross Jordan, Democrat, next highest, was given his position. It was found Jones lived just two feet inside the corporation of Bridgeport.

Man Whirled Around Shaft. St. Marys. — Jasper Deckman, aged 30, may never again be able to walk because of injuries affecting both legs, the result of an accident when he was whirled five times around a shaft at a factory here.

Epidemic of Measles. Belleaire. — Health officials report 59 cases of measles here. They state three persons have died as a result of the epidemic.

Ohio Civil War Veteran Dies. Berea. — Isaac Hardy, 75 years old, Civil war veteran, died at his home here.

Auto Sets House Afire. Toledo. — The family of W. J. Moran, Dorset, had to flee when the Moran home took fire from a gasoline tank of an automobile. The auto, containing two men and two women, skidded in Dorset and collided with the front of the Moran home. The impact caused the gasoline tank to explode, setting fire to the house.

The four occupants of the machine hurriedly left the scene, taking the number of the auto with them.

Bible Teacher Is Thief. Kenton. — William H. Switzer, 37 years of age, Sunday School teacher, pleaded guilty to a charge of coal stealing. He was charged with having hauled coal in wagons from Big Four cars more than two years and was fined \$25 and costs and sentenced to the workhouse for 30 days. A son, John, 17, also was fined.

Babes Burned to Death. Gallipolis. — A fire destroyed the home of James R. Dordell in this county, near Vinton. Dordell's four-year-old daughter and baby boy, three-months-old, were burned to a crisp. Dordell and wife were at church when the tragedy occurred and were helpless to aid the children.

Hermit Found Dead. Salineville. — The decomposed body George Collins, 70 years old, was found in a hut south of this town, where he lived a hermit's life.

Takes Ansberry's Post. Columbus. — Governor Frank B. Willis appointed James E. Robinson, a Republican attorney of Marysville, as judge of the court of appeals of the Third appellate district to succeed Judge T. T. Ansberry, Deftance, Democrat, who has resigned to practice law in Washington.

Use Boats in Streets. Warren. — The resident of the flats in Warren got about in boats following a rise of near five and one-half feet in the river.

BUCKEYE NOTES

News From All Sections of the State

Western Newspaper Union News Service. Columbus. — Numerous problems of scientific interest were discussed at the separate meetings held by the various organizations constituting the State Teachers' association which met here in annual session. These organizations comprise city superintendents, principals and supervisors, county and district superintendents, elementary teachers, rural teachers, county normal school directors and high school teachers. Before the entire association Dr. J. Adams Huffer of the University of Illinois talked on "Practical Vocational Guidance From the Standpoint of the Grade and High School Teacher."

The county and township superintendents went on record as desiring an increase from \$2. to \$3 in the

mob. Youngstown. O., Jan. 10. — Four persons were shot dead and 18 wounded, four probably fatally, one of them a woman, when a mob of 6,000, mostly foreigners, battled with private police at the plant of the Youngstown Sheet and Tube Works in East Youngstown and looted and burned a greater part of the city last evening.

Looting followed the attacks on business buildings and all the liquor in one saloon was passed among the mob.

Sheriff J. C. Umstead requested that state troops be sent. His message to Governor Willis said: "Lives are being taken and we are helpless in trying to cope with the situation."

The estimated fire loss is more than \$300,000.

Three regiments of the Ohio State Guard finally restored order. They were sent by Governor Willis.

The local companies of the guard were not called upon to take part in the strike trouble.

Sheriff Umstead, who with Brigadier General Speaks and other National Guard officers went to East Youngstown, was attacked by a mob. Red pepper was thrown in the sheriff's eyes and he was badly beaten.

The fire companies which attempted to check the flames in the East Youngstown business district were beaten off by the mob. Many shots were fired, but the firemen got back safely to Youngstown.

All of the nineteen injured persons were taken to hospitals here.

The trouble started early in the evening, when the day shift, among whom were said to be a number of strike-breakers, left work. The mob, composed of both men and women, formed at the entrance to the mills and hooted and jeered as the workers left the plant. A number of the workers were stoned and beaten.

The private police force of the mill were lined up on a bridge across the river leading to the main works of plant. Someone in the crowd threw a stone which struck one of the mill guards.

Immediately several of the guards drew their revolvers and fired to frighten the crowd.

Then the real trouble started. Revolvers were produced by men in the crowd and answering shots were sent back. The guards answered by firing into the crowd. Men and women, wounded, fell amid the rain of bullets.

Finally the crowd fell back and vented its fury by applying the torch to buildings in the neighborhood.

TELEGRAPHIC NOTES

Detroit, Mich., Jan. 6. — Henry Ford, leader of the peace mission to The Hague, returned to Detroit. He avoided a delegation of citizens who had planned to welcome him home and present to him a floral piece in recognition of his peace efforts.

New York, Jan. 7. — Announcement that Col. Theodore Roosevelt will start on February 15 on a trip to the West Indies, from which he will not return until April 1, was made here. He will be accompanied by Mrs. Roosevelt.

New York, Jan. 10. — In that part of Belgium still free from German occupation, there are 200,000 residents and refugees. All depend on charity, says Chevalier Aloys Van de Vyver, Belgian minister of finance.

Muskogee, Okla., Jan. 10. — The Texas special, fastest train on the Missouri, Kansas & Texas between St. Louis and Texas points, went into the ditch near Rattlesville. A dispatch from Dallas declares no one was hurt.

Washington, Jan. 10. — The proposal of the Chicago & Alton to cancel joint rates on coal from Toluca, Ill., to points in Wisconsin, Iowa and Minnesota, was declared not justified by the interstate commerce commission.

New York, Jan. 7. — Congressman Frank Buchanan of Illinois, indicted on charges of conspiring to foment strikes in munitions plants, surrendered here on Wednesday and was arraigned. He pleaded not guilty and was released in \$5,000 bail. Federal Judge Clayton granted Mr. Buchanan until January 20 to change his plea. He said he knew of no movement to restrain trade.

Big Revolt in China. Peking, Jan. 10. — Practically the entire province of Yunnan is now in revolt. Communication with Yunnan has been entirely interrupted for two days. The rebels are reported to number nearly 50,000.

Sees War Between Sexes. London, Jan. 10. — Warfare between the sexes such as has been unknown since the days of the mythological amazons is predicted for England after the war by Prof. Marion Phillips, D. Sc., of this city.

Pinkerton Head Dies. Chicago, Jan. 8. — Matthew W. Pinkerton, for thirty-four years head of the Pinkerton United States Detective agency, died at his home here on Thursday. He was born at Mount Eaton, O., in 1852.

Railway Earnings Increase. Washington, Jan. 8. — Railway earnings in November increased \$4 per cent over the same month in 1914, according to the interstate commerce commission reports made public on Thursday.

Springfield. — James T. West, printer and founder of the Weekly Transcript, was stricken with apoplexy and died.

MANY SHOT IN RIOT

6,000 FIGHT POLICE IN FRONT OF MILL AT YOUNGSTOWN, OHIO.

MOB BURNS TEN BUILDINGS

Strikers Apply Torch to Eight Structures in Business District and Destroy Two Factories—Stores Are Looted—Troops Restore Order.

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